

ABSTRACT OF THE DISCLOSURE

An oxygen sensor abnormality detecting device has first and second offset circuits for applying first and second offset voltages to a ground line and an output line of an oxygen sensor.

5 The device compares the voltage of the output line with a high voltage-side shorting determination value, a low voltage-side shorting determination value and a break determination value to detect a high voltage-side shorting, a low voltage-side shorting and a line break.